- 1 SOLID CONCRETE FILL GFRC BOULDER WITH HAND PAINTED
- 2 WATERPROOF JOINT AROUND GFRC BOULDER ALL SIDES ADJACENT TO CONCRETE PAVING
- (3) 4" COPING (NEW) DOWN TO EXISTING BOND BEAM
- (4) GFRC ROCK CONNECTION TO COPING/WALK
- (5) CONCRETE BED
- 7 BURIED ROCK
- (6) EXISTING POND SHELL
- AN APPROVED EQUAL. CONTACT BILL ACKERMAN, 949-515-4220. 711 WEST 17TH STREET, E-1, COSTA MESA, CA 92627.

1. REFER TO SHEET W250 DETAIL 'C'

2. GFRC BOULDERS AVAILABLE AND

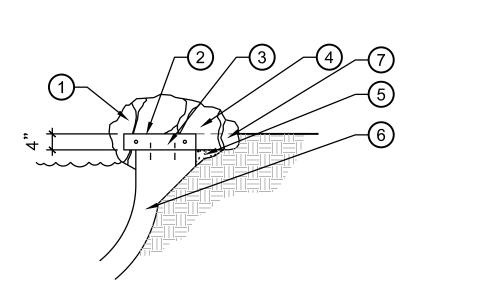
DEVELOPMENT STUDIOS INC., OR

SHORELINE INFO

INSTALLED BY THE SITE

FOR ADDITIONAL BOULDER POCKET

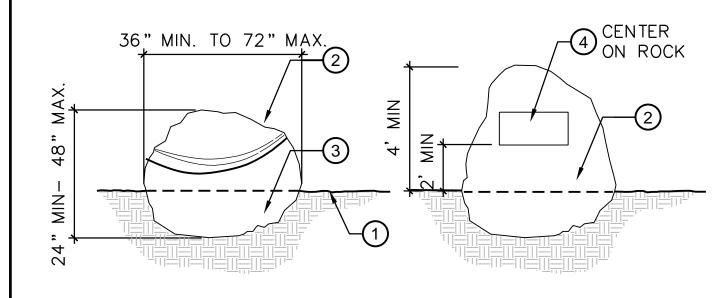
3. COLOR SHALL MATCH 'COLORADO MOSS' BOULDERS FROM SOUTHWEST BOULDERS.



NOTES:



- 1. BOULDER / ROCK TO BE COLORADO MOSS FROM SOUTHWEST BOULDERS OR APPROVED EQUAL
- 2. FINAL LOCATION OF BOULDERS SHALL BE APPROVED BY ENGINEER, LOCATED ON CONSTRUCTION PLAN SHEET L-5.
- CONTRACTOR TO PROVIDE SAMPLES TO ENGINEER FOR REVIEW, APPROVAL AND PURCHASE PRIOR TO INSTALLATION.
- REFER TO BOULDER LEGEND FOR BOULDER SIZES, SEE SHEETS L-5, L-6
- (1) FINISH GRADE, TYPICAL 2 NATIVE SELECT BOULDER SEE
- (3) 1/3 1/2 OF BOULDER TO BE BURIED BELOW FINISH GRADE
- (4) EXISTING BRONZE PLAQUE RELOCATED AND ATTACHED WITH EPOXY ON FLAT PART OF BOULDER



LANDSCAPE BOULDER SCALE: NTS



Know what's below.

Call before you dig.

- PANEL SHALL BE 24"x36", UV-RESISTANT INK PLOT MOUNTED ON 1 MIL SINTRA SPECIAL: LAMINATE WRAPPED TO THE BACK OF PANEL. USE REPLACEABLE LEXAN COVER. BACKGROUND COLOR: PANTONE @ 293 AT 8 PERCENT
- COLOR JPEG FILE (ART WORK) SHALL BE PROVIDED BY CITY TO CONTRACTOR. 3. CONTRACTOR SHALL INCLUDES IN THEIR BID A LINE ITEM TO PAY FOR & COORDINATE WITH IZONE IMAGING 254-778-0722, REGARDING SIGN PANELS, TOTAL OF ONE(1).
 - 4. CONTRACTOR SHALL PROVIDE FULL SIZE MOCK-UP TO ENGINEER FOR REVIEW & APPROVAL PRIOR TO CONSTRUCTION. CONTRACTOR SHALL ATTACH PANEL TO STEEL
 - FRAME WITH METHOD REVIEWED & APPROVED BY ENGINEER PRIOR TO CONSTRUCTION. 6. REFER TO DETAIL 'H'. SHEET L-8 FOR ADDITIONAL



INTERPRETIVE SIGN INFORMATION.

NOTES:

PLASTIC SLATES

- 1. VICTOR STANLEY, MODEL: CM-14 2. BACKLESS SEATING WITH DUCTILE-IRON END FRAMES COLOR: MINT GREEN RAL #6029 WITH GREY RECYCLED
- 6' LENGTH 3. BOLT INTO CONCRETE PAVING W/ STAINLESS STEEL BOLTS ONE (1) BOLT PER LEG.



- 1 8x8 D.F. PRESSURE TREATED BEAM W/ SIMPSON JOIST STRAPS -EQUALLY SPACED
- 2 #4 VERTICAL REBAR @ 12" O.C.
- 3 6×8×16 BLOCK W/ SOLID GROUT 4 8x8x16 BLOCK- NOTCH TO RECEIVE PRESSURE TREATED BEAM W/ SIMPSON
- STRONG TIES TO SOLID GROUT (5) EXISTING GUNITE STREAM SWALE, CONTRACTOR SHALL PROTECT IN-PLACE & REPAIR AS NEC.
- 6 TYPICAL SIDEWALK W/ THICKENED EDGE (7) FINISH GRADE
- 8 UNDISTURBED NATIVE GRADE OR CERTIFIED COMPACTED FILL

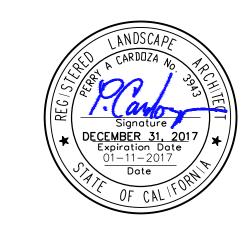
BRIDGE 'A

SCALE: NTS

- (9) ADJACENT STREAM EDGE (10) ADJACENT WATER LINE OF POND
- (11) #4 HORIZONTAL REBAR @ 12"
- O.C. EACH WAY (12) #4 HORIZONTAL REBAR, CONT. (13) BOULDERS AT MOUTH OF STREAM (14) 1/4 DIA. LEDGER BOLTS - GALV.
- (15) 4×4 D.F. PRESSURE TREATED PLANK BOLTED TO BEAMS W/ 1/4" DIA. GALV. BOLTS
- (16) 8×4×16 CONCRETE BLOCK W/ SOLID GROUT

NOTES:

- CONTRACTOR SHALL PAY FOR & INCLUDE IN THEIR BID THE REVIEW & ANALYSIS OF BRIDGE BY A LICENSED STRUCTURAL ENGINEER'S RECOMMENDATION SHALL BE A PART OF THIS DETAIL THAT THE
- CONTRACTOR'S BID INCLUDES. ALL WOOD MEMBERS SHALL BE PAINTED W/ EXTERIOR PAINT & COLOR PER LANDSCAPE ARCHITECT
- . CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW & APPROVAL PRIOR TO CONSTRUCTION



DATE 01/11/17 SCALE **VARIES** D R A W N B Y CHECKED BY TM

REVISIONS/PLAN LOG

PROJECT AND CLIENT NAME

VILLAGE POND

CITY OF LAKE FOREST

25550 COMMERCENTRE DRIVE

LAKE FOREST, CA

PHONE (949) 461-3420

SHEET DESCRIPTION

CONSTRUCTION

PARK

SUITE 100

DETAILS

15'-0" 16'--2" -TOP OF F.S. OF SWALE

BENCH

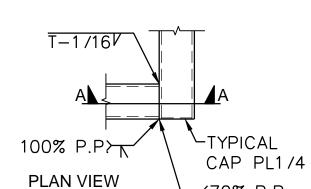
SCALE: NTS

- 1. TUBULAR STEEL COLOR SHALL MATCH RAL# 8002 COOPER BROWN, FINISH SHALL BE POLISHED. 2. PRECAST CONCRETE AMENITIES AVAILABLE FROM QUICKCRETE PRODUCTS, 951-737-6240 OR
- APPROVED EQUAL. 3. ALL METAL MEMBERS SHALL BE GALVANIZED.

WELD BOTH SIDES TUBE

STEEL LATTICE TO BEAM

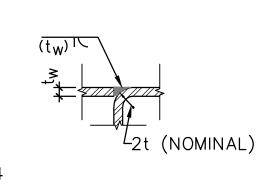
- 4. REFER TO STRUCTURAL ENGINEER'S CALCULATIONS AND DETAILS PROVIDED BY EXCEL, DETAILS IN STRUCTURAL INFO TAKES PRECEDENCE.
- 5. OVERHEAD METAL STRUCTURE AVAILABLE FROM EXCEL BRIDGES AT 562-944-0701 OR AN
- 6. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF THE OVERHEAD STRUCTURES & PILASTERS TO THE ENGINEER FOR REVIEW & APPROVAL PRIOR TO CONSTRUCTION
- 7. REFER TO THE SITE FURNISH SECTION WITHIN THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.



10'-0" CONTINUOUS

CAP PL1/4 SECTION A-A

HSS TO HSS CONNECTION SC: NTS



Ų3"DEPTH

3ľDEPTH

5 PRECAST CONCRETE CAP QCP-MODEL # Q-E48PC-800-230-1377, NATURAL COLOR, LIGHT SANDBLAST, STD. 6 COBBLE STONE VENEER PILASTER- 'SIERRA SELECT', BY SOUTHWEST BOULDERS 760-751-3333 OR APPROVED EQUAL

2 12"x3 1/2"x3/8"x22' LENGTH TUBE STEEL BEAM - REFER

TO ELEVATION & PLAN VIEWS HEREON FOR LENGTHS

(3) 6"x2"x1/4"x10' LENGTH TUBE STEEL LATTICE AT APROX.

16" O.C. EQUAL SPACED FROM CENTER LINE CURVE

(7) 5'x12" HIGH PRECAST CONCRETE BASE ALL AROUND (8) FINISH SURFACE

(9) UNDISTURBED NATIVE GRADE OR CERTIFIED COMPACTED SUBGRADE

(11) #5 VERTICAL REBAR

(12) #4 HORIZONTAL REBAR @ 8" O.C. (13) #4 HORIZONTAL REBAR @ 12" O.C.

(14) #4 VERTICAL REBAR

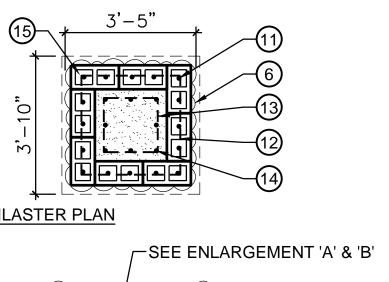
(4) METAL BALL POST CAPS

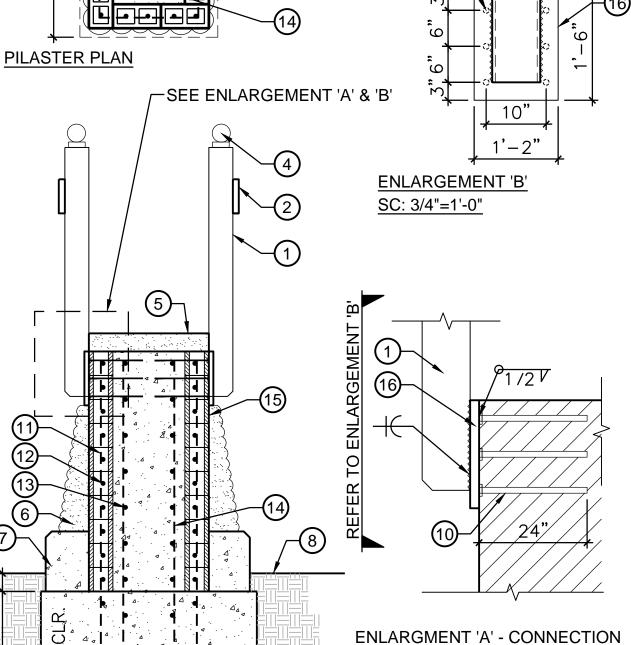
(15) 8"x8"x16" CMU, GROUT ALL CELLS SOLID TYP.

(1) 8"x8"x3/8"x5'-9" LENGTH TUBE STEEL POST

(16) 18"x14"x1/2" STEEL PLATE (17) (9)#6 HORIZONTAL REBAR EACH WAY

6'-0"





NŪVIS

LANDSCAPE ARCHITECTURE AND PLANNING

3151 AIRWAY AVENUE, SUITE J-3 COSTA MESA, CALIFORNIA U.S.A. 92626-4640 FX: 714.754.7346 PH: 714.754.7311

SHEET NUMBER

PROJECT NUMBER

13-237.03 NUVIS IS NOT RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF 🗅 NOT PUBLISHED. ALL RIGHTS RESERVED.

OF STEEL TUBE TO PILASTER

SC: 3/4"=1'-0"

ELEVATION: B

SCALE: 3/8"=1'-0"

 WELD BOTH SIDES TUBE STEEL LATTICE TO BEAM

ELEVATION: A - LOOKING SOUTH FROM RIDGE ROUTE DRIVE

ENTRY OVERHEAD STRUCTURE